

Ellipse Parameters at LT-A, 1995					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	341	9.89	7.26	269	0.27
3	744	10.96	8.49	265	0.23
4	392	11.13	7.89	279	0.29
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	No Data				
11	No Data				
12	No Data				
All Year	1477	10.76	8.24	269	0.23

Ellipse Parameters at LT-A, 1996					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	No Data				
3	No Data				
4	No Data				
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	729	10.71	6.65	269	0.38
11	577	9.73	5.52	261	0.43
12	No Data				
All Year	1306	10.30	6.25	266	0.39

Ellipse Parameters at LT-A, 1997					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	395	10.30	5.42	233	0.47
3	744	10.51	5.65	234	0.46
4	720	11.37	8.18	239	0.28
5	744	12.77	8.89	238	0.30
6	706	10.10	9.31	268	0.08
7	744	11.06	6.86	232	0.38
8	744	9.71	8.56	359	0.12
9	700	10.51	8.74	258	0.17
10	732	10.20	6.59	245	0.35
11	720	9.34	5.66	246	0.39
12	743	9.10	4.17	247	0.54
All Year	7692	10.47	8.04	242	0.23

Ellipse Parameters at LT-A, 1998					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	10.28	5.67	246	0.45
2	671	10.27	7.06	257	0.31
3	744	11.81	9.16	262	0.22
4	720	13.26	12.70	235	0.04
5	744	13.31	11.71	350	0.12
6	718	11.25	10.58	243	0.06
7	744	11.05	7.20	239	0.35
8	742	9.39	5.88	299	0.37
9	718	9.23	8.04	242	0.13
10	744	11.52	8.50	231	0.26
11	720	10.02	5.66	249	0.44
12	744	9.89	4.34	253	0.56
All Year	8753	10.72	9.35	247	0.13

Ellipse Parameters at LT-A, 1999					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	743	10.40	6.11	256	0.41
2	656	10.85	6.50	259	0.40
3	744	11.51	8.34	242	0.28
4	719	12.71	9.43	264	0.26
5	746	13.24	11.48	331	0.13
6	720	8.87	7.91	290	0.11
7	744	9.98	6.68	293	0.33
8	744	9.11	8.70	334	0.05
9	707	11.14	10.36	322	0.07
10	744	11.13	8.37	235	0.25
11	720	10.11	4.90	253	0.52
12	744	9.30	4.27	254	0.54
All Year	8731	10.48	8.79	260	0.16

Ellipse Parameters at LT-A, 2000					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	738	9.05	4.93	254	0.45
2	691	9.29	4.59	255	0.51
3	744	10.65	7.33	269	0.31
4	719	11.40	7.64	255	0.33
5	742	12.49	11.18	297	0.10
6	719	13.54	9.64	328	0.29
7	744	11.36	9.31	286	0.18
8	744	13.80	11.05	331	0.20
9	824	10.57	8.31	235	0.21
10	1488	10.25	7.17	240	0.30
11	1439	9.53	5.28	246	0.45
12	1481	9.29	6.20	245	0.33
All Year	11073	10.23	9.13	257	0.11

Ellipse Parameters at LT-A, 2001					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	1488	8.74	4.81	249	0.45
2	972	8.96	6.15	250	0.31
3	742	9.73	7.11	260	0.27
4	720	12.02	9.80	254	0.18
5	767	12.41	9.54	324	0.23
6	717	11.79	9.18	351	0.22
7	729	10.04	9.25	291	0.08
8	735	11.38	8.35	357	0.27
9	712	12.22	9.26	349	0.24
10	735	10.83	10.60	257	0.02
11	714	9.90	5.40	245	0.45
12	735	9.43	4.98	249	0.47
All Year	9766	9.70	9.42	246	0.03

Ellipse Parameters at LT-A, 2002					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	9.76	4.56	254	0.53
2	664	9.53	5.16	245	0.46
3	734	10.42	5.92	251	0.43
4	714	11.40	8.96	260	0.21
5	739	11.92	8.80	257	0.26
6	720	13.68	11.29	353	0.17
7	744	8.26	7.46	301	0.10
8	744	11.23	9.86	262	0.12
9	720	11.95	10.70	283	0.10
10	692	9.54	7.67	265	0.20
11	718	10.13	6.03	250	0.41
12	743	9.79	6.61	251	0.33
All Year	8676	10.45	9.04	257	0.13

Ellipse Parameters at LT-A, 2003					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	736	9.46	5.74	254	0.39
2	671	9.13	5.37	259	0.41
3	779	10.23	5.93	249	0.42
4	1436	13.30	11.87	268	0.11
5	1222	13.33	11.31	300	0.15
6	720	10.41	7.16	279	0.31
7	744	10.16	6.60	266	0.35
8	744	10.44	7.63	271	0.27
9	709	9.43	8.00	352	0.15
10	31	7.05	4.74	2	0.33
11	No Data				
12	No Data				
All Year	7792	11.10	9.95	284	0.10

Ellipse Parameters at LT-A, 2004					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	584	9.72	4.56	259	0.53
3	744	9.26	4.41	266	0.52
4	720	12.21	10.67	307	0.13
5	740	11.43	9.26	282	0.19
6	720	10.29	9.35	294	0.09
7	744	11.50	9.43	325	0.18
8	744	9.50	8.19	292	0.14
9	710	10.92	9.02	301	0.17
10	741	9.60	7.42	280	0.23
11	346	9.77	5.50	256	0.44
12	No Data				
All Year	6793	10.36	9.05	291	0.13

Ellipse Parameters at LT-A, 2005					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	463	9.32	6.92	244	0.26
3	742	10.27	6.93	258	0.33
4	720	13.89	10.65	283	0.23
5	736	16.02	12.61	348	0.21
6	720	15.79	13.37	320	0.15
7	744	12.18	11.00	317	0.10
8	744	8.60	7.40	240	0.14
9	654	9.92	8.37	235	0.16
10	741	11.48	10.96	335	0.05
11	718	11.29	7.96	256	0.30
12	743	9.70	6.66	249	0.31
All Year	7725	11.54	11.06	312	0.04

Ellipse Parameters at LT-A, 2006					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	743	10.39	7.15	243	0.31
2	181	11.72	5.88	253	0.50
3	No Data				
4	No Data				
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	No Data				
11	No Data				
12	No Data				
All Year	924	10.73	6.94	246	0.35